

Bioactive

Full-Length

NUAK2 (Human) Recombinant Protein

Catalog # P5787

Size 5 ug

Applications



Result of activity analysis

Result of activity analysis

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Specification

Product Description	Human NUAK2 (NP_112214.1, 1 a.a - 628 a.a.) full-length recombinant protein with GST tag expressed in Baculovirus infected Sf21 cells.
Host	insect
Theoretical MW (kDa)	98
Form	Liquid
Preparation Method	Baculovirus infected insect cell (Sf21) expression system
Purification	Glutathione sepharose chromatography
Purity	74 % by SDS-PAGE/CBB staining

Activity	The activity was measured by off-chip mobility shift assay. The enzyme was incubated with fluorescence-labeled substrate and Mg(or Mn)/ATP. The phosphorylated and unphosphorylated substrates were separated and detected by LabChip3000. Substrate : CHKtide. ATP: 100 μ M.
Quality Control Testing	SDS-PAGE Stained with Coomassie Blue
Storage Buffer	In 50 mM Tris-HCl, 150 mM NaCl, pH 7.5 (0.05% Brij35, 1 mM DTT, 10% glycerol)
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Result of activity analysis Result of activity analysis

Applications

- Functional Study
- SDS-PAGE

Gene Info — NUA2

Entrez GeneID	81788
Protein Accession#	NP_112214.1
Gene Name	NUAK2
Gene Alias	DKFZp434J037, DKFZp686F01113, FLJ90349, SNARK
Gene Description	NUAK family, SNF1-like kinase, 2
Omim ID	608131
Gene Ontology	Hyperlink
Gene Summary	SNF1-like kinase
Other Designations	OTTHUMP00000035319 SNF1/AMP activated protein kinase